

# Indiana Dunes, Science, and YOU!

## Indiana Dunes National Lakeshore Visitor Center

### May 3, 2014

1:00 p.m. **Welcome and Introductions**  
*Wendy Smith, Education Coordinator, Great Lakes Research and Education Center*  
*Joy Marburger, Research Coordinator, Great Lakes Research and Education Center*

1:10 p.m. **Presentations on Research in the Indiana Dunes**

- A. Monitoring the Shifting Sands of Mount Baldy  
*Dr. Erin Argyilan, Associate Professor of Geosciences, Indiana University Northwest*
- B. Impacts of Three Methods of Social Trail Closure on Vegetative Regrowth at West Beach  
*Dr. Laurie Eberhardt, Associate Professor of Biology, Valparaiso University*
- C. Climate Change and the Endangered Karner Blue Butterfly  
*Tamatha A. Patterson, University of Notre Dame*  
*Dr. Ralph Grundel, Ecologist, United States Geological Survey*
- D. The Impacts of Logjam Modification  
*Dr. Charles Morris, Environmental Protection Specialist, Indiana Dunes National Lakeshore*



2:30 p.m. Depart for **Field Trips** *Visitors are asked to provide their own transportation. Carpooling is encouraged.*

- A. Social Trail Closure at West Beach *with Dr. Laurie Eberhardt*
- B. Karner Blue Butterfly Habitat Restoration *with Dr. Ralph Grundel*
- C. Wetland Restoration and Ecology *with Dr. Joy Marburger*

